

Delayed Rotation in the Series 1,2-dihalogen
R Ethanes. Spectra of the Combined Diffusion of
light of 1,2-dichloethane-dichloromethane in
solution, by O. L. Aronov, V. M. Tatevskiy,
A. V. Frost.

RUSSIAN thrice-mo per, Dok Ak Nauk SSSR,
Vol LX No 7, 1948, pp 1177-1180.

Res Info Sv R.607

Scientific - Chemistry

31, 2/2

Feb 56

Complex Formation Between Alkali Metal Fluorides
and Metals of the Third Group, by E. P. Dergunov,
3 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol IX, 1948,
pp 1185-1188.

AEC Tr 2022

Scientific - Minerals/metals

9

May 53 CTG

2086

WNN

Vol 60, #7, pp 1205-7 (1948)

Oxidation of Glycolic Acid in Green Cells

P. A. Kalesnickov

E-H 1722 b

AEC Ser. # 394

Brookhaven

76T56

Structure of Plastids and Activity of Enzymes,
by N. M. Sisakyan, A. M. Zolkofer, V. I. Biryuzova,
8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX,
No 7, 1948, pp 1213-1215.

Sci Tr Center
RT-3982

39,145

Sci - Chemistry
Sep 56 CIB/les

Separation of Ammonia, Methyl, Dimethyl and Trimethylamine by the Method of Distributive Chromatography, by N. A. Fuks, M. A. Rappoport.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LX, No 7, 1948, pp 1219-1221.

Res Info Sv R/612

53 NASS IV

Scientific - Chemistry

N.Y.

31,053

Feb 55

Vinogradova, Z.A.

1948

On the fecundity of Black Sea gastropoda
Doklady Akademii Nauk SSSR, 60(7): 1293-1296. In Russian.

Transl. for NTC, 1970. Avail. NTC as NTC no. 70-11862-06C,
price HC \$7.60, MF \$5.80.

Original Article Checked. *HN*

Rotational Isomerism of 1, 2 Dichloroethane and
1, 2 Dibromoethane in Solutions at Different Tempera-
tures, by O. L. Aronov, V. M. Tatevskiy, A. V. Frost.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX,
No 8, 1948, pp 1343-1345.

AEC Tr 370
Ar. Aronov

Doc. DE-11-177

Scientific - Physics

14,552

Mar 51 CTS

75714

A New Kind of Topochemical Reactions, by H. B.
Neyman, V. A. Shushunov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LX, No 8, 1948, pp 1347-1350.

Sci Mu Lib 50/3022

Scientific - Chemistry

ATS 83-1148
A-8443

38,015

Catalytic Action of Glycolic Acid Upon
Oxidation of Chlorophyll in Ground Leaves,
by P. A. Kolesnikov.

RUSSIAN, per, Doklady Akad Nauk SSSR,
Vol 60, No 8, 1948, pp 1353-1355.

K-H 1722 a

AEC # 393

Sci-B&M
Jul 66

306,462

Contribution to the Question of the Embryonic
Development of Ichneumonids, by N. A. Ioff.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX,
1948, pp 1477-1480.

CSIRO

Sci - Biol
Apr 62

190,374

Alikhanyan, A., Vaysenberg, A. and others.
MASSENSPEKTREN VON VARITRONEN IN 3250
M HOHE UBER DEM MEERESSPIEGEL (Spektr
Mass Varitronov na Vysote 3250 m Nad Urovнем
Morya). [1961] 6p. 6 refs. [DSIR LLU] M2120 (text
in German).

Order from OTS or SLA \$1.10

61-13619

Trans. in German of Akademiya Nauk SSSR, (Doklady)
1948, v. 60, no. 9, p. 1515-1518.

DESCRIPTORS: *Spectrographic analysis, Measure-
ment, Light, Reflection, Oceans, Stratosphere,
Upper atmosphere.

(Earth Sciences--Oceanography, TT, v. 7, no. 6)

61-13619

I. Alikhanyan, A.
II. Vaysenberg, A.
III. DSIR LLU M. 2120

7-5-61

Office of Technical Services

Slow Masons at Heights of 900-4700 Metres,
by G. B. Zdanov, A. M. A. Kaunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX,
No 9, 1948, ~~pp~~ p 1519.

SLA 60-13886

Sci

Feb 62

Vol III, No 11

184, 694

The Nature of Narrow Atmospheric Showers, by B. A.
Kushnir, I. L. Rosental. UNCL

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol IX, No 9,
1948, pp 1523-1526.

DSIR Landing Library Unit M. 185

Sci - Geography Phys
Apr 59

SLR 52-12574

85,862

The Investigation of Impulses Produced by Cosmic
Rays in Proportional Counters, by M. I. S
Podgoretskiy, M. N. Shcherbakova. UZCL

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol LX, 1948,
No 9, pp 1527-1529.

SIN 59-19071

DSIR Lending Library Unit M. 176

Sci - Phys
Apr 59

85,863

**Impulses Produced by Wide Atmospheric Showers in
Two Ionization Chambers, by L. Rastvorov, I.
Knyasev. UZEL**

**RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 9,
1948, pp 1531-1534.**

SIA 39-17473
DSIR Lending Library Unit
M. 178

Sci - Phys
Apr 59

85, 864

DAN, Vol 60, no 9 P. 1535-38

"Fundamental Principles of
Alloying of Heat-Resisting Metallic Alloys"
K.A. OSIPOV.

Done in G. B. by B.S.A. Group
Research Centre.

GRC/T. 115

IA, May 1950 P. 100

AT-123
Published in English
(no number given)

Dok Ak Nauk SSSR, Vol 60, page 1543-6 (1948)

Nature of Nondiffusive (Martensitic) Transformations,
by G. V. Kurdyumov.

AEC Trans (avail. Brookhaven)

Comparative Biochemical Study on the Contractible
Proteins of Striated Muscles at Various Stages
of Phylo- and Ontogenesis, by I. I. Ivanov.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 60, No 3,
1948, pp 417-420.

HEW-NIH

1-7-68

Sci/B & M
Feb 68

349,800

Electrical Changes in the Solar Corona, D. I. ...
7 pp.

LXI

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 1, No 1, 1948,
pp 31-34.

ATTC F-TS-9613/V

Sci - Astron
Mar 59

82, 841

Mass Spectra of Varitrons, by A. I. Alikhanyan, V. M. Morozov, A. I. Alikhanov, A. V. Khrinyan

RUSSIAN, per, Reports of the Academy of Sciences, Vol LXI, 1948, 35-38

AEC Tr

Scientific - Physics

12,652

Alikhanyan, A., Vaysenberg, A. and others.
VARITRONEN IN DER HARTEN KOMPONENTE DER
KOSMISCHEN STRALUNG (Varitrony v Zhestkoy
Komponente Kosmicheskikh Luchey). [1961] 4p.
2 refs. [DSIR LLU] M2119 (text in German).
Order from OTS or SLA \$1.10 61-13617

Trans. in German of Akademiya Nauk SSSR. Doklady,
1948, v. 61, no. 1, p. 39-42.

DESCRIPTORS: Cosmic rays, *Measurement,
*Energy.

(Nuclear Physics and Nuclear Chemistry,
TT, v. 7, no. 6)

61-13617

I. Alikhanyan, A.
II. Vaysenberg, A.
III. DSIR LLU M. 2119

7-5-61

Office of Technical Services

Penetrating Particles in Wide Atmospheric
Showers, by G. T. Zatsepin, S. A. Kuchay,
I. L. Rosenthal, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI,
No 1, 1948, pp 17.

SLA 60-13887

Sci
Aug 61

OTS, Vol III, No 12

163,143

The Relationship Between Melting Point and
Resistance of Metallic Alloys, by K. A.
Osipov. USSR

RUSSIAN, per, Dok Ak Nauk: USSR, Vol LXX, No 1,
1968, pp 71-74.

British Iron and Steel Ind
(no number given)

Sci - Min/Ind
Doc 59

98, 319

ZGONNIK. N. P.

Doklady Akademii Nauk SSSR, vol. 61, 1948,
No. 1, pp. 95-98; 1 figure, 2 tables, 1500
words.

Structure of Binder in Corundum Abrasives.

Butcher Trans, Order No. 2530, \$ 3.00.

DOK AK NAUK SSSR

Vol LXI, No 1, 3 $\frac{1}{4}$ pp, Jul 48

"Oxidation Reduction Reactions Photosensitized by
Chlorophyll and Magnesium Phthalocyanine, Which Occur
Due to an Increase in the Free Energy of the System"

A.A. Krasnovskiy

Available at Brookhaven
See Guide to Russ Sci Per Lit,
Vol 2, No 3, Page 118

8/49T5

DOK AK NAUK SSSR

Vol LXI, No 1, 3 $\frac{1}{2}$ pp, Jul 48

"Study of the Sorption of water Vapors in Active Carbon!"

M. M. Dubinin
Ye. D. Zaverina

Done by Def Res Bd.

Canada

1 Aug 1940 listing

x-331

AEC Trans #267 (Avail @ Brookhaven)

8/49T 7

DOK AK NAUK SSSR

Vol LXI, No 1, 4 pp, Jul 48

"Kinetics of the Transformation of Austenite to
Martensite at Low Temperatures"

G. V. Kurdyumov

NRL Transl. 213

Also available at Brookhaven.
See Guide to Russ Sci Per Lit,
Vol 1, No 7, Page 52

Butcher No 2187, 2.85

8/49T92

DOK AK NAUK SSSR

Vol LXI, No 2, 4 pp, Jul 48

"Interrelationship of the Albumin and Ascorbic Acid in
Potato Tubers"

S. M. Frokoshev
Ye. I. Petrochenko

Sci Mus Lit-G.B.,
#50/0396

11/49T7

DOK AK NAUK SSSR

Vol LXI, No 2, 1 p, Jul 48

"Photographing the Background of Trajectories Made by
Charged Particles in an Emulsion by the Rapid Photore-
gression Method"

7273.2

G. ye. Belovitskiy
L. V. Sukhov

Natioanl Inst. of Health
Translation

On loan to OSI

11/49T87

Convergence of the Galerkin Method,
by S. G. Mikhlin.
RUSSIAN, per Akademiya Nauk SSSR. Doklady,
Vol 61, 1948, pp 197-9.
SLA TT-66-10890

331, 594

Sci - Materials
Jul 67

R-5287

On the Convergence of Galerkin's Method, by
S. G. Mikhlin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, No 2,
1948, pp 197-199.

*JPRS/AF

Sci

May 65

Eradication by Means of Accelerated Photo-Regression
of the Background of Tracks Produced by Charged
Particles in an Emulsion, by G. E. Belovitskiy, I. V.
Sukhov, 1 p, UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXI,
No 2, 1948, p 243.

Navy Tr 423/NRL 345

Scientific - Nuclear Physics

Oct 1951 CTS

15,838

K
The Content of Organic Matter in Some Waters in
the Moscow Region, by B. A. An Skopintsev, 3 pp.

RUSSIAN, three-no por, Dok Ak Nauk SSSR, Vol LXI,
1948, pp 293-296.

Sci Mus Lib Dr 57/2273

Sci - Biology
Box 57

53, 276

Kara-Murza, L. Kh.
TANNING SUBSTANCES IN PLANTS AFFECTED BY
VIRUSES. [1964] 10p
Order from K-H \$6.00
K-H-1729
Trans. of Akademiya Nauk SSSR. Doklady, 1948 [v. 61]
no. 2, p. 301-304.

(Materials--Leather, TT, v. 11, no. 12)

TT-64-12912

I. Kara-Murza, L. Kh.
II. K-H-1729
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Fluctuations in Weight and Moisture Content
of Needles of Norway Spruce and Siberian Fir
in Relation to Needle and Tree Age, by

M. D. Danilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 61, No 2,
1948, pp 375-378.

CFSTI TT 68-50424

Nov 68

368,913

Prospecting for Oil by Hydrochemical Methods,
by M. S. Kuveev

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXI,
No 2, 1948, pp 329-331.

Assoc Tech^h Sv 25E2R

Scientific - Geophysics
GTS/DEX

101966

Germination of Seeds in Sterile Conditions, by
A. V. Porutskii.

RUSSIAN, per, Dok Ak Nauk SSSR, No 61, 11 Jul 1960,
pp 387-390.

USDA Trans 273

SSSR

Economic - Agriculture, herbicides

Scientific - Biology, herbicides

546

DOK AK NAUK SSSR

Vol LXI, No 3, 4 pp, Jul 48

"Problem of the Relation of Magnetic Permeability of
Fermalloy-Type Alloys to Frequency"

D. M. Alekseyev

G. T. Zatsepin

I. G. Morozov

Available at Brookhaven

See Guide to Russ Sci Per Lit,

Vol 1, No 7, Page 51

11/49T100

Adirovich, Ye. I. THE KINETICS OF CONSECUTIVE REACTIONS (K Kinetike Posledovatel'nykh Reaktsii). Feb 61 (6)p. 8 refs. RTS 1697. Order from LC or SLA mi\$1.80, ph\$1.80 61-15743 Trans. of Akademiya Nauk SSSR. Doklady, 1948, v. 61, no. 3, p. 467-470. 151668 (Physics--Solid State, TT, v. 5, no. 8)	61-15743 I. Crystal phosphora-- Luminescence I. Adirovich, Ye. I. II. RTS-1697 III. Department of Scientific and Industrial Research (Gr. Brit.) Office of Technical Services
--	--

On the Nature of the Ultraviolet Absorption
Band of Ions of Trivalent Iron, by B. A. Dain,
A. A. Kechen.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI,
No 3, 1948, pp 471-474.

NLL M.4526

Sci - Phys

Apr 62

193, 901

GEL'D, P. V.

Doklady Akademii Nauk SSSR, vol. 61, 1948, pp. 495-498;
1 figure, 1 table, 2000 words.

Peculiarities of the Silicothermal Reduction of Metals.

Brutcher Trans., Order No. 2369, \$3.50

DOK AK NAUK SSSR

Vol LXI, No 4, 4 pp, Aug 48

"Vapor Tension of Silicon Oxide"

P. V. Gel'd,
M. I. Kochnev

AEC Trans. 30
List dated 20 Jan 50

11/49T15

DOK AK NAUK SSSR

Vol LXI, No 4, 3 $\frac{1}{2}$ pp, Aug 48

"Combination of Computing and Analyzing Equipment to
Form a Model With Irreplaceable Items for Use in
Measuring the Dynamic Performance of Complex Systems"

G. L. Polisar

Done by RDB
Copy in files

RT-1217

11/49T39

DOK AK NAUK SSSR

Vol LXI, No 4, 3 pp, Aug 48

"Cosmic Ray Showers Which Occur in Thick Lead Plates"

L. N. Korablev
A. L. Lyubimov
A. V. Miller

Available at Brookhaven

See Guide to Russ Sci Per Lit, Vol 1,
No. 7, Page 51

11/49T91

DOK AK NAUK SSR

Vol LXI, No 4, 2½ pp, Aug 48

"Transitional Effect of Cosmic Rays in the stratosphere"

S. I. Brikker
S. N. Vernov
N. L. Grigorov
I. M. Yevreinova
T. N. Charakhch'yan

Available at Brookhaven. See
Guide to Russ Sci Per Lit,
Vol 1, No 7, Page 50

11/49T90

(FDD 27150)

Diffraction of Spherical Electromagnetic Waves
Around a Circular Disc, by R. G. Mirmanov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXI,
No 4, Moscow, 1948, pp 617-620.

CIA/FDD/U-7937

USSR

32,582

Sci - Electronics; Physics

Borzyak, P. G. and Morgulis, N. D.
THE OPTICAL AND PHOTOELECTRIC PARAMETERS
OF Ag-O-Cs CATHODES. [1960] 6p. 5 refs.
Order from RIS \$3.00 RIS E-640

Trans. of Akad[emiya] Nauk SSSR. Doklady 1948,
v. 61, no. 4, p. 625-628.

143,077

(Engineering--Electronic, ET, v. 5, no. 1)

61-12055

1. Cathodes (Electron tubes)--
Photoconductivity
2. Photoemission--
Measurement
3. Infrared photoconductors--
Sensitivity
- I. Borzyak, P. G.
- II. Morgulis, N. D.
- III. RIS E-640
- IV. Research Information
Service, New York

Office of Technical Services

Vapour Pressure of Silicon Monoxide, by P. V.
Gel'd, M. I. Kochnev, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, No 4, .
1948, pp 649-652.

SLA 59-19127

Sci

OTS, Vol III, No 6

Sep 60

126,886

New Method for Measuring the Specific Surface
on Porous Substances and Powders, by B. Deriagin,
R. Fridland, V. Rylova, 10 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, Vol LXI,
No 4, 1948, pp 653-656.

S.L.A. Tr No R-397

Sci - Physics
Apr 57

46,907

Effect of Volume Layering on the Shape of the Adsorption Isotherms of Surface-Active Substances from the Gas Phase and from Liquid Solutions, by A. V. Kiselev.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XLII, 1948, pp 657 - 660.

AEC Tr 1075

Sci - Physics

RT-2001

Dec 1951 CTS

DAN

Vol 61, # 4, 19661-664
(1948)

On the Contact - Angles of Small Droplets

I. Petricanov +
N. RozenblumDone by Prof Res Bd,
CanadaAEC Trans. 272
Brookhaven

Sulphocuminate, a Positive Factor in Expanding
Cement, by P. P. Budnikov and Z. S. Kosulina,
4 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol 61, No 4, 1948,
pp 681-4.

BRL Comm No 489

Sci Museum Lib No 51/0376 - London

Sci - Chemistry

Wave-like Distribution of the Mitotic Activity
During the Cleavage of *Neotacharis Militaris*
Hymenoptera, by O. M. Ivanova-Kagan.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LVI, No 4, 1948, pp 701-703.

CSIRO

Sci - Biol
Apr 62

190,904

Mutations Under the Influence of Unsaturated
Aldehydes, by I. Rapoport.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol LXI, No 4,
1948, pp 713-715. 9089752.

Sci 61-11-80

C. S. I. R. O. T4513

Sci

OTS 61-11-80

PI-480

May 60

P-7 591
115, 68.2

Thermal Luminescence of Colored KCl Single Crystals
in the Visible Part of the Spectrum, (FDD PA 24/49795)

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, No 5, 1948.

Navy/NRL Tr 254

RT-856

NRL 2-4

Scientific - Physics

12,781

DOK AK NAUK SSSR VOL LXI, No 5

Aug 48

4 pp

"Electric Theory of the Adhesion (Attachment) of Film
to Solid Surfaces"

B. V. Deryagin, N. A. Krotova

AEC/ENL/Tr 115

24/49T15

DOK AK NAUK SSSR

Vol LXI, No 5, 4 pp, Aug 48

"Does the Mediator of Nerve Irritation Act Opsonically on
Phagocytes?"

N. V. Puchkov

D-26

24/49T90

Ivanov, A. V. 1948
On the metamorphosis of the parasitic mollusc
Parenteraxenos
Doklady Akademii Nauk SSSR, 61(4): 765-768. In Russian.
Transl. for MTC, 1970, Avail. MTC no. 70-11860-06C,
price HC \$7.60 MF \$5.80.

Original Article Checked.....*NR*

Ivanov, A.V.

1948

On the metamorphosis of the parasitic mollusc
parenteroxenos

Doklady Akademii Nauk SSSR, 61(4): 765-768. In Russian.

Transl. for NTC, 1970. Avail. NTC as NTC no. 70-11860-060,
price HC \$7.60, MF \$5.80.

Original Article Checked *LR*

Criterion for the Incidence of Break-Away
Cavitation on a Cylindrical Profile, by K. K.
Shal'nev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXI, No 5, 1948, pp 799-802. *CIA D177067*

Def Sci Info Sv
DND T.150.R

Geophysics
Scientific - ~~Physics~~ Feb 55 CTS/DEK

21202

The Electric Double Layer, by V. I. Goldanskii.

RUSSIAN, for, Dokl. Ak. Nauk SSSR, Vol. 183, No. 5,
1968, USSR, pp 1245-1248.

Assoc Tech Sv R3-120

Sci - Physics

\$6.25 (\$1.00)

Aug 54

15114

Doklady, LXI, 5, 861-7, ~~1950~~
1948

Chromatographic Determination of
Dicarboxylic Amino Acids in
Plants

V. L. Kretovich and A. G. Bundel'

Proj 6 114

A-1757.1 (10)

SR 6 114 0

Formulas Relating the Heat Producing Capacity of Fuel
with its Elementary Composition, by E. V. Rakovskiy,
N. A. Kovalenko, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXI,
No 5, 1948, pp 867-872.

Sci Tr Center RT-618

Scientific - Chemistry

10,669

The Effect of Adonine and Nicotinic Acid on the
Growth and Productivity of Cotton, by Yu. V.
Rakitin, K. E. Orcharov. UZOL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, 1948,
pp 933, 934.

DSHM LEX H.A297

(loan)

Sci - Chem Biol

Apr 60

112,669

Use of Associated Co-ordinates in Non-Relativistic
Mechanics, by A. L. Zel'manov.

D LXI,
RUSSIAN, per, Izvestiya Akad. Nauk SSSR, Vol. LXI, No 6,
1968, pp 993-996.

FILE N 5164

Sci - Phys
May 69

229,559

DOK AK NAUK SSSR

Vol LXI, No 6, 2 pp, 1948

"Several Features of Superconductive Transition"

A. A. Galkin

B. G. Lazarev

AEC tr. 103

35/49T83

DOK AK NAUK SSSR

Vol LXI, No 6, 4 pp, 1948

"Completeness of the System of Phi Functions $\sqrt{\Phi(n)}$ "

Translated in GB

TPA3/T1B

Translation 3716

IA, May 1950, P. 98

35/49T51

62-10584

Annaev, R. G.

ON THE MEASUREMENT OF THE ELECTRIC
RESISTANCE AND THERMAL EMF IN A LONGI-
TUDINAL MAGNETIC FIELD IN AN Ni_3Mn ALLOY
AS A FUNCTION OF THE QUANTITY OF ORDERED
PHASE. [1961] 6p. 10 refs.
Order from OTS or SLA \$1.10

62-10584

Trans. of Akademiya Nauk SSSR. Doklady, 1948.
v. 61, no. 6, p. 1009-1012.

DESCRIPTORS: *Nickel alloys, *Manganese alloys,
Alloys, *Magnetic fields, Resistance, Thermodyna-
mics, Magnetic effects, Galvanometers, Electrical
properties, Measurement, Temperature, Phase
studies.

(Metallurgy, TT, v. 7, no. 10)

I. Annaev, R. G.

Office of Technical Services

Angular Distribution of Cosmic Ray Particles in
the Stratosphere, by S. N. Vernov, A. N. Kulikov

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol. LXI,
No 6, 1948, pp 1013-1015.

Sci Mus Lib

55/1724

Astronomy

Scientific - ~~Sci~~

AEC Tr No. 2109
Def Sci Info Sv
DSO T.158.R.

Feb 55 OCS/DEX

26, 185

Formation of Cosmic Ray Showers Under Thick Lead
Filters at Various Altitudes, by L. V. Kurnosova,
B. A. Shulink, 7 pp.

RUSSIAN, ~~thrice-to ten~~, Dok Ak Nauk SSSR, Vol LXI,
No 6, 1948, pp 1023-1026.

Sci Trans Center RT-100

Also R.C. Tr 164

Scientific - Physics

Jan 54 CTS

8683

The Mechanism of Synthesis of Hydrocarbons From
Carbon Monoxide and Hydrogen, by A. N. Gashkiyov,
Y. D. Kryukov, Y. D. Hagan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXI, No 6,
1949, pp 1029-1031.

AT3-RJ21

Sci - Chem

Jun 59

89,395

Effect of Treatment of Vegetable Seedlings With
Growth Substances on Their Growth and Development,
by R. Kh. Turetskain.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, 21 Aug 1948,
pp 1109-1112. 511 P444A

USDA Trans 276

USSR

Economic - Agriculture, growth substances

Scientific - Biology, growth substances

549

Bot-Fly Parasitic on the Daghestan Aurocks, by K. Ya.
Grunin, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX,
No 6, 1948, pp 1125-1127.

Sci Trans Center RT-519

Scientific - Biology
CTS/DEX

10,963

Determination of the Polarity Sign of Light
Flux Carriers, by V. P. Zhuze, S. M. Rybkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 62, No 1,
1948, pp 55-58.
NLL Ref:5828.4F (M.13406)

Sci-Phys
Feb 70

401,450

DAN

Vol. ~~182~~

On the Completeness of the System of Functions
(ψ_k) in the Space of Old Functions of
 $L_2(0, 2)$.

Print to Sci Museum — 5/10/39

G.B.

Concerning the State of Potassium in Plant Tissues,
by E. I. Ratner, 7 pp. UNCLASSIFIED

RUSSIAN, Dok Ak Nauk, SSSR, No 62, 10/18/ 1948.

Vol.

QMT0313

Sci - Biology

May 52 CTS

DOK AK NAUK SSSR

Vol LXII, No 1, 3 pp, 1948

"The Hydrogen Bond in Benzoquinhydrone and Its Structure"

I. P. Gragerov
G. P. Mikhukhin

AEC Tr/328

Avail @ Brook Nat'l Lab

35/49T10

DOK AK NAUK SSSR

Vol LXII, No. 1, 4 pp, 1948
AP 93-95

"The Theory of the Movement of a Drop in an Upward Flow of
Unsaturated and Saturated Air Currents and Its Possible
Application in Meteorology"

B. V. Deryagin

SLA 59-10784

Done by Def Res Bd.

Canada

1 Aug 1950, listing

X-330

AEC #266

Brookhaven

35/49T13

Radioactive Nuclei of the Type M_Z^{2Z-1} , by V. S. Dzhalapov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 62, No 1, 1948, pp 51-54.

See Upton, New York State: Brookhaven National Laboratory.

Guide to Russian scientific periodical literature, Vol 3, No 6, Jun 1950, pp 157-161.

Sci Museum Lib No 59/3266 - London

SLA 61-17448

DAN 62, P109

"Some Unstable Compounds in
Plants" A.R. Guseva

Proj 6393

CD-A-1459.1 (2)

SR 25 Aug 1950

Polyphenoloxidase and Peroxidase Activity in
Isolated Plastids, by N. M. Sinalyan, E. B.
Kubayeva, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol IXII, 1948, pp 121-124.

ASC Tr 2454

34,490

Scientific - Chemistry
Biology

May 56 CTS/DEX

Deformation of Amorphous-Liquid Linear Polymers,
by V. A. Kargin, G. L. Slonimskii.
RUSSIAN, per, Doklady AN SSSR, Vol 62, No 2,
1948, pp 184-189.
NLL 5828.4F (11740)

Sci - Chem
Sept. 67

340,371

DAN

Vol 62, #2, pp 255-7 (1948)

The Oxidation of Dihydroxybutyric Acid in Green
Leaves of Plants

A. M. Kustin +
H. B. Adams

AEC 3, # 397

Brookhaven

See from letter to R. P. ...

Passivating Effect of Halide Ions on Iron in
Concentrated Acid Solutions, by Z. Iofa,
L. Nedvedeva.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol 62,
No 2, 1949, pp 213-216.
CSIRO/No. 9553

sci/ chem
aug 69

389,665

On the Break-up of Droplets in an Air Stream, by
M. S. Volynskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXII, No 3,
1948, pp 301-304.

SLA 59-15446

Sci - Physics
Sep 59
Vol II, No 2

98656

DUKEL'SKIY, V. M.
ZANDBERG, E. Ya.
IONOV, N. I.

Negative Ions of Alkali Metals in Gaseous Discharges
in the Vapors of Alkali Halides.

RUSSIAN, Dok Ak Nauk SSSR, Vol LXII, 1948, pp 323 - 324.

AEC Tr 523

Dok Ak Nauk SSSR, Vol 62, 345-8 (1948)

Stability of Heat Treatment of the Catalytic
Properties and ~~of~~ the Structure of Platinized
Carbon. by S. S. Novikov, A. M. Rubinshtein and
N. L. Shuikin.

AEC Trans (avail. Brookhaven)

*TC Digest # X —
copy file.*

Rate of the Initial Stage of Oxidation of Aluminum
at Low Pressures and Room Temperature, by M. K.
Grushenko, P. D. Dankov. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXII,
3, 1948, pp 353-356.

Navy Tr 1059/NRL 486

Scientific - Chemistry

18,845

Itkina, E. S.
COPPER IN THE CARBONIFEROUS SEDIMENTARY
ROCKS IN THE OIL REGIONS OF THE URAL VOLGA.
8p. 2 refs. MTWL: 240.
Order from OTS or ETC \$1.55

61-17914

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 62, no. 3, p. 357-360.

DESCRIPTORS: *Rock, Sedimentation, Coal, Geo-
chemistry, *Copper, Bitumes.

61-17914

I. Itkina, E. S.
II. MTWL-240
III. Stichting Moellijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

DOK AK NAUK SSSR

Vol LXII, No 4, 3 pp, 1948

"Propagation of Sound in a Liquid Layer of a Constant
Gradient of Propagation Speed"

L. M. Brekhovskikh

Proj 8453
U-Rpt

A-2274.1

SR 3/12/51

33/49199

~~22~~ Participation of Oxidases in Formation
of Lignin, by S. M. ~~Levina~~, 5 pp,

Vanskaya,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXII, No 3, 1948, pp 369-372.

Sci Tr Center
RT-1833

22,178

Scientific - Chemistry

Mar 55 CTS

62-10754

Genkel', P. A. and Oknina, E. Z.
ABOUT THE CONDITION OF DORMANCY OF
PLANTS. [1961] 4p. (10 refs. 3 figs. omitted).
Order from OTS or SLA \$1.10 62-10754

Trans. of Akademiya Nauk [S]SSR. Doklady, 1948,
v. 62, no. 3, p. 409-412.

DESCRIPTORS: *Plants, Growth, Physiology. *Cells
(Biology), Nutrition.

(Biological Sciences--Botany, TT, v. 7, no. 10)

I. Genkel', P. A.
II. Oknina, E. Z.

Office of Technical Services

DOK AK NAUK SSSR

Vol LXII, No 4, (4 pp), 1948

"Speed of Crystallization of Stable Colloids at High
Temperatures"

Ya. I. Ol'shanskiy

ST-225

SR 7 Dec 1950

33/49T11

A Problem of Chemical Dynamics, by A. M. Fainzil'ber.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXII, No 4, USSR,
1948, pp 457-460.

AEC Tr 1277

F-TS-7470 RE

Scientific - Chemistry NAD 45216

Jun 52 CTS

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